

Converting Colors

CIELCh(91, 27.936, 82.814)

Have a look what the booklet for
CIELCh(91, 27.936, 82.814) contains.

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Color

CIELCh(91, 27.994, 83.135)

Conversions

Conversions Part 1

Format	Color
Hex	FFE1B0
RGB	255, 225, 176
RGB Percent	100%, 88%, 69%
CMY	0.0000, 0.1164, 0.3086
CMYK	0.00, 0.12, 0.31, 0.00
HSL	37°, 100%, 85%
HSV	37°, 31%, 100%
XYZ	76.2315, 78.4833, 52.3588
YIQ	228.3840, 33.6090, -8.8790

Conversions

Conversions Part 2

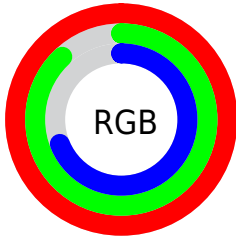
Format	Color
R_{YB}	224, 255, 176
Decimal	16769456
CIE _{Lab}	91.00, 3.35, 27.79
CIE _{LCh}	91, 27.994, 83.135
Yxy	78.4833, 0.3681, 0.3790
Android (android.graphics.Color)	4294959536 (0xFFFFE1B0)
YUV	228.3840, -25.8253, 23.3422
Hunter-Lab	88.5908, -1.4365, 26.9721

Details

The CIELCh color **91, 27.994, 83.135** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **82, 27.247, 272.424**, and the grayscale version is **91, 0.011, 296.813**.

A 20% lighter version of the original color is **99, 11.641, 109.297**, and **71, 28.042, 83.601** is the 20% darker color. If you saturate the color by 10%, you get **88, 37.448, 81.978**, and if you desaturate by 10%, it is **94, 18.634, 84.732**.

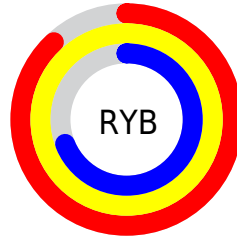
Distribution



Red (100%)

Green (88%)

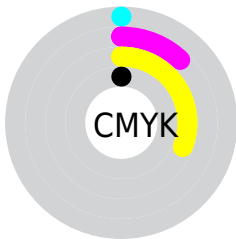
Blue (69%)



Red (88%)

Yellow (100%)

Blue (69%)

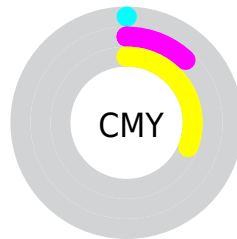


Cyan (0%)

Magenta (12%)

Yellow (31%)

Black (0%)



Cyan (0%)

Magenta (12%)

Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 91, 27.994, 83.135 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the CIELCh color 91, 27.994, 83.135 by changing the saturation by 10% instead.

 91, 27.994, 83.135

 91, 27.994, 83.135

 100, 27.994,
83.135

 81, 27.994, 83.135

 71, 27.994, 83.135

 61, 27.994, 83.135

 51, 27.994, 83.135

 41, 27.994, 83.135

 31, 27.994, 83.135

 21, 27.994, 83.135

 11, 27.994, 83.135

 1, 27.994, 83.135

91, 27.994, 83.135

91, 27.994, 83.135

88, 37.448, 81.978

94, 18.634, 84.732

85, 47.073, 80.535

97, 9.566, 86.037

83, 56.623, 79.030

100, 0.741, 86.907

80, 65.723, 77.414

100, 0.012,
296.813

78, 73.704, 75.583

76, 79.577, 73.345

74, 82.642, 70.816

Harmonies

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



91, 27.994, 83.135



82, 27.247, 272.424

Rectangle

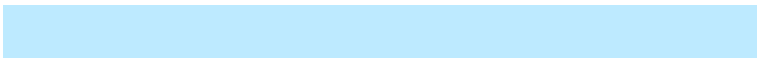
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



91, 27.994, 83.135



91, 27.994, 133.135



91, 27.994, 263.135



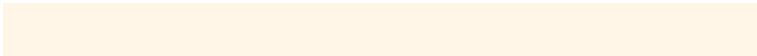
91, 27.994, 313.135

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



91, 27.939, 83.376



97, 7.903, 86.271



80, 33.094, 353.752



52, 5.504, 86.089



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



91, 27.939, 83.376



89, 33.754, 82.523



98, 39.642, 112.289



52, 4.996, 86.208



56, 66.522, 71.430



18, 27.585, 74.114

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



82, 27.247, 272.424



79, 32.761, 273.735



75, 42.699, 297.851



50, 4.970, 268.772



35, 73.452, 294.053



9, 29.475, 288.532

Previews

White Background



This preview shows how the CIE LCh color 91, 27.994, 83.135 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIELCh color 91, 27.994, 83.135 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

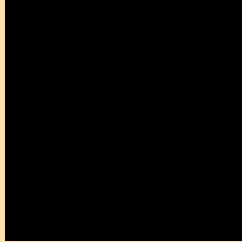
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 91, 27.994, 83.135

Background



This preview shows how black text looks on a background with the CIELCh color 91, 27.994, 83.135.



This preview shows how white text looks on a background with the CIELCh color 91, 27.994, 83.135.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

91, 27.994, 83.135

Protanopia

91, 26.884, 95.464

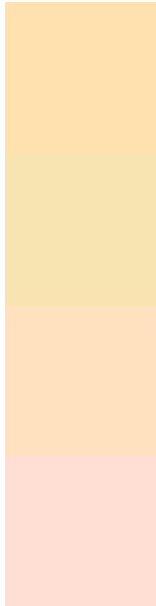
Deuteranopia

91, 17.573, 66.860



Tritanopia
91, 14.315, 352.485

Trichromacy



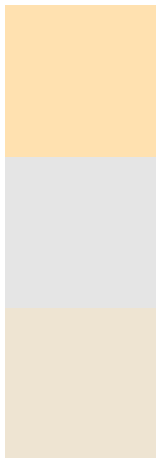
Original Color
91, 27.994, 83.135

Protanomaly
91, 27.420, 91.435

Deuteranomaly
91, 20.912, 73.895

Tritanomaly
91, 13.390, 42.738

Monochromacy



Original Color
91, 27.994, 83.135

Achromatopsia
91, 0.011, 296.813

Achromatomaly
91, 9.993, 87.657

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 91, 27.994, 83.135 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(255, 225, 176)` looks like.

```
.text, #text, p{  
    color:rgb(255, 225, 176)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(255, 225, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 225, 176) }
```

Border

The CSS property to change the border of an element to CIELCh 91, 27.994, 83.135 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(255, 225, 176) }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(255, 225, 176) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(255, 225, 176)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 225, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 225, 176);  
box-shadow:4px 4px 4px 4px rgb(255, 225,  
176) }
```

Background

The CSS property to change the background color of an element to CIELCh 91, 27.994, 83.135 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 225, 176) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(255,  
225, 176) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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